

Stathos, Christopher NRSW N40 ENV

From: Parisi, Tony NAVAIR
Sent: Friday, November 30, 2012 16:10
To: Stathos, Christopher NRSW N40 ENV
Subject: FW: Proposed erosion control work at cave
Signed By: anthony.parisi@navy.mil

Chris,

I don't know if you'll get involved with this, but wanted to give you a heads up just in case.

V/R,
Tony

-----Original Message-----

From: Parisi, Tony NAVAIR
Sent: Friday, November 30, 2012 16:08
To: Shide, Dan T CIV NAVFAC SW, MUGU; Schwartz, Steven CIV NAVAIR Environmental; Montoya, Joseph L CIV NAVFAC SW, PRV42; Girod, Catherine A CIV NAVFAC SW
Cc: Thomas, Lisa CIV Range Sustainability, 52000ME
Subject: RE: Proposed erosion control work at cave

Dan,

Thanks. I hope you will go forward with a recommendation to approve the action. While we still don't know exactly what will eventually be uncovered, the potential that there are significant finds is good. If we don't protect the site by taking relatively minor actions, there's a risk we'd lose them.

Please let us know if there's any additional information we can provide to support the recommendation.

V/R,
Tony

-----Original Message-----

From: Shide, Dan T CIV NAVFAC SW, MUGU
Sent: Friday, November 30, 2012 14:30
To: Schwartz, Steven CIV NAVAIR Environmental; Montoya, Joseph L CIV NAVFAC SW, PRV42; Girod, Catherine A CIV NAVFAC SW
Cc: Parisi, Tony NAVAIR; Thomas, Lisa CIV Range Sustainability, 52000ME
Subject: RE: Proposed erosion control work at cave

Steve,

I will run through Region/Core and then to CO for review and let you know.

R,
Daniel T. Shide
Installation Environmental Program Director
Naval Base Ventura County

(805) 989-3805 - Office
(805) 340-5198 - Mobile
dan.shide@navy.mil

-----Original Message-----

From: Schwartz, Steven CIV NAVAIR Environmental
Sent: Friday, November 30, 2012 10:29
To: Montoya, Joseph L CIV NAVFAC SW, PRV42; Girod, Catherine A CIV NAVFAC SW; Shide, Dan T CIV NAVFAC SW, MUGU
Cc: Parisi, Tony NAVAIR; Thomas, Lisa CIV Range Sustainability, 52000ME
Subject: Proposed erosion control work at cave

Dan: When we last worked at the cave, the assumption was that we would be back for one more round of work to finish clearing the overburden, and then we would take steps to stabilize the area for long term stability. Since that work has not occurred, the cave is in a very vulnerable condition and with winter storms starting, we really need to take at least some minimal steps to ensure the cultural deposits in the cave are not damaged.

I am proposing some minimal steps to stabilize the area for the near term. This should get us through the winter without damage. The proposed work would be done by Lisa and myself, and can be accomplished in a day.

The first step would be to fill the low spot in the cave to establish a level floor area. This will help to prevent water from pooling at the low spot. The cave floor is sandy, so if water does enter and it distributes evenly, it should just soak in.

The second step would be to place a row of sandbags just outside the entrance to keep surface flow from entering the cave. The substrate is sandy here, so any pooled water should soak in.

The last step would be to place a few sandbags just above the cave in the low spot. This is where any surface water would flow in from above. A few sandbags here would diffuse the water flow and allow it to either soak in, or at least flow over a broader edge more gently.

After this, we would like to monitor the conditions periodically so if any further steps were needed, they could be identified early. We would request approval before any further steps are taken. Monitoring would be done after every major storm event, but at least once a month.

Request approval to proceed with this plan. We could accomplish this work the week of Dec 10th.

V/r,
Steve Schwartz